4		an electrically conductive path having a first end coupled to the first
. 5		terminal;
6		a first coil resiliently mounted within the housing and coupled to the
7		first end of the electrically conductive path;
7/1/8		a second terminal positioned on a second end of the housing;
, 1 00,		a second end of the electrically conductive path coupled to the second
C P 10		terminal;
U 11		a second coil resiliently mounted within the housing and coupled to the
12		second end of the electrically conductive path; and
13		a magnet mounted within the housing.
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1	11.	A geophone, comprising:
1 2	11.	A geophone, comprising: a housing including a first end and a second end opposite the first end;
-	11.	
2	11.	a housing including a first end and a second end opposite the first end;
2	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing;
2 3 4	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing;
2 3 4 5 6	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing; a first end plate support coupled to the first end plate;
2 3 4 5 6	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing; a first end plate support coupled to the first end plate; a second end plate support coupled to the second end plate;
2 3 4	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing; a first end plate support coupled to the first end plate; a second end plate support coupled to the second end plate; a first magnet support coupled to the first end plate support;
2 3 4 5 6 7 8	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing; a first end plate support coupled to the first end plate; a second end plate support coupled to the second end plate; a first magnet support coupled to the first end plate support; a second magnet support coupled to the second end plate support;
2 3 4 5 6 7 8 9	11.	a housing including a first end and a second end opposite the first end; a first end plate coupled to the first end of the housing; a second end plate coupled to the second end of the housing; a first end plate support coupled to the first end plate; a second end plate support coupled to the second end plate; a first magnet support coupled to the first end plate support; a second magnet support coupled to the second end plate support; a magnet coupled to the first and second magnet supports;



a second spring coupled to the second end plate support;

a first coil support coupled to the first spring;

a second coil support coupled to the second spring;

a first coil coupled to the first coil support; and

a second coil coupled to the second coil support.

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20. A seismic acquisition system, comprising:

at least one geophone, each geophone comprising:

a housing;

a first electrically conductive terminal on one end of the housing;

a first coil resiliently mounted within the housing and operably coupled

to the first terminal;

a second electrically conductive terminal on a second end of the

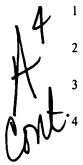
housing;

a second coil resiliently mounted within the housing and operably

coupled to the second terminal;

a magnet mounted within the housing; and

a controller operably coupled to the geophone.



44. A geophone having a plurality of first electrically conductive parts and a plurality of second electrically conductive parts, the first plurality of parts being interconnected to form an electrically conductive pathway, the electrically conductive pathway being insulated from the second plurality of parts by an electrically



insulating layer disposed on a surface of one of the electrically conductive pathway and the second plurality of parts.

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46. A geophone housing comprising a housing, a first terminal positioned on a first end of the housing and a second terminal positioned on a second end of the housing.

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